

CLAIMS

1. An organic positive temperature coefficient thermistor device comprising a pair of electrodes disposed so as to oppose each other, and a thermistor body having a positive resistance-temperature characteristic disposed between the electrodes, wherein the thermistor body consists of a cured product of a mixture containing an epoxy resin including a flexible epoxy resin, a curing agent, and an electrically conductive particle.

2. An organic positive temperature coefficient thermistor device according to claim 1, wherein the epoxy resin includes 3 to 100 % by mass of the flexible epoxy resin based on the total mass of the epoxy resin.

3. An organic positive temperature coefficient thermistor device comprising a pair of electrodes disposed so as to oppose each other, and a thermistor body having a positive resistance-temperature characteristic disposed between the electrodes, wherein the thermistor body consists of a cured product of a mixture containing a flexible epoxy resin having a bending elasticity of 2700 MPa or less and an electrically conductive particle.

4. An organic positive temperature coefficient thermistor device according to any of claims 1 to 3, wherein the conductive particle has a surface provided

with a protrusion.